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Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 International , 2002

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2 **A novel CMP application on the fabrication of dual-damascene struc advanced copper/low-k interconnections**

Shao-Chung Hu; Hsueh-Chung Chen; Liang-Yuan Fang; Chien-Mei Wang; Ch Hung; Wen-Yi Hsieh; Po-Wen Yen

Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 International , 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) **CNF**

3 **Stopper-less hybrid low-k/Cu DD structure fabrication combined w CMP**

Usami, T.; Nanbu, H.; Sugai, K.; Tagami, M.; Miyamoto, H.

Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 International , 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **CNF**

4 **Nitride framed shallow trench isolati n (NFSTI) for self-aligned bur**

L Number	Hits	Search T xt	DB	Tim stamp
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-	854	(trench via hole contact open\$3 groov\$ reces\$4 plug) and (hard same mask\$3) and (resist photoresist)	US-PGPUB	2002/10/21 13:35
-	1147	((trench via hole contact open\$3 groov\$ reces\$4 plug) and (hard same mask\$3) and (resist photoresist)) and ((trench via hole contact open\$3 groov\$ reces\$4 plug) same (hard adj2 mask\$3))	USPAT	2002/10/21 13:36
-	105	((trench via hole contact open\$3 groov\$ reces\$4 plug) same (hard same mask\$3) and (resist photoresist)) and (second same (hard same mask\$3))	EPO; JPO; DERWENT; IBM_TDB	2002/10/21 13:50
-	90	((trench via hole contact open\$3 groov\$ reces\$4 plug) same (hard same mask\$3) and (resist photoresist)) and (second same (hard adj2 mask\$3))	EPO; JPO; DERWENT; IBM_TDB	2002/10/21 13:50
-	10	(((trench via hole contact open\$3 groov\$ reces\$4 plug) same (hard same mask\$3) and (resist photoresist)) and (second same (hard adj2 mask\$3))) and (second adj2 (hard adj2 mask\$3))	EPO; JPO; DERWENT; IBM_TDB	2002/10/21 13:52
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-	727	((etch\$3 same (hard adj2 mask\$3)) and (trench via hole open\$3)) and (second same hard)	USPAT	2002/11/07 17:18
-	366	(((etch\$3 same (hard adj2 mask\$3)) and (trench via h le pen\$3)) and (sec nd same hard)) and partial\$9	USPAT	2002/11/07 17:18

-	135	(((tch\$3 sam (hard adj2 mask\$3)) and (trench via hole pen\$3)) and (second sam hard)) and partial\$9) and (partial\$9 sam hard)	USPAT	2002/11/07 17:19
-	835	438/624.ccls.	USPAT	2002/12/09 16:37
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-	641	438/942,639,717.ccls.	USPAT	2002/12/09 16:38
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